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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION N
10/675,519	09/30/2003	Tokio Shibazaki	1217-031920	6102
28289	7590	11/03/2004		
WEBB ZIESENHEIM LOGSDON ORKIN & HANSON, P.C. 700 KOPPERS BUILDING 436 SEVENTH AVENUE PITTSBURGH, PA 15219				
			EXAMINER GERRITY, STEPHEN FRANCIS	
			ART UNIT 3721	PAPER NUMBER

DATE MAILED: 11/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

SW

**Office Action Summary**

Application No.

10/675,519

Applicant(s)

SHIBAZAKI ET AL.

Examiner

Stephen F. Gerrity

Art Unit

3721

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 30 September 2003 and 13 January 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 September 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 2/25; 4/1; 10/4/04.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

Art Unit: 3721

**DETAILED ACTION**

***Response to Preliminary Amendment***

1. Receipt is acknowledged of preliminary amendments, filed 30 September 2003 and 13 January 2004, which have been placed of record and entered in the file.

***Information Disclosure Statement***

2. Receipt is acknowledged of Information Disclosure Statements, filed 25 February 2004; 1 April 2004; and 4 October 2004, which have been placed of record in the file. An initialed, signed and dated copy of each of the PTO-1449 forms is attached to this Office action.

***Drawings***

3. The drawings are objected to because on sheet 4, each of the figures must be labeled separately as figure 4A and 4B, respectively. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the

Art Unit: 3721

replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

#### ***Specification***

4. The abstract of the disclosure is objected to because of the use of legal phraseology, i.e. means. Correction is required. See MPEP § 608.01(b).

5. The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

#### ***Claim Rejections - 35 USC § 112***

6. The following is a quotation of the second paragraph of 35 U.S.C. 112:

Art Unit: 3721

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

7. Claims 1-24 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The claims are generally narrative and indefinite, failing to conform with current U.S. practice. They appear to be a literal translation into English from a foreign document and are replete with grammatical and idiomatic errors.

Claim 1, line 4, the use of language such as "... means constituted by causing ..." renders the claim vague and indefinite because it is unclear what structure is intended to be covered by such language. This language appears in many instances throughout the claims and should be amended so that the language particularly points out the structure of the invention.

Claim 1, line 8, the language "positioned of ..." is vague; perhaps such should be changed to --positioned on ---.

Claim 1, lines 25 and 27, the language "it is decided that..." renders the claim vague and indefinite because the claim fails to positively set forth the structure for performing the recited function. It is suggested that the claim be amended to positively set forth a control means.

Art Unit: 3721

Claim 1, lines 25 and 27, the language "left in" should perhaps be changed to --left on--.

Claim 5, lines 3-6, the recitation "the pool feed touch roller" and "the proximity switch" each lack proper antecedent basis.

Claim 6, lines 1 and 2, the recitations "the detection ..." and "the pool feed touch roller" each lack proper antecedent basis in the claims.

Claim 6, lines 5 and 7, the language "it is decided that..." renders the claim vague and indefinite because the claim fails to positively set forth the structure for performing the recited function.

Claim 15, lines 3-6, the recitations "the pool feed touch roller" and "the proximity switch" each lack proper antecedent basis.

Claim 16, lines 4 and 5, the recitation "the proximity switch" lacks proper antecedent basis.

Claim 17, lines 3, 5 and 6, the recitation "the pool feed touch roller" lacks proper antecedent basis.

Claim 18, lines 5 and 7, the language "it is decided that..." renders the claim vague and indefinite because the claim fails

Art Unit: 3721

to positively set forth the structure for performing the recited function.

Claims 7-12 and 19-24 recite similar language which fails to positively set forth the claimed invention.

These and any other informalities should be corrected so that the claims may particularly point out and distinctly claim the subject matter which applicant regards as the invention, as required by 35 U.S.C. § 112, second paragraph.

***Allowable Subject Matter***

8. Claims 1-24 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

***Conclusion***

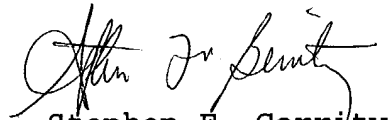
9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The references listed on the attached form (PTO-892) are cited to show strapping machines of interest. All are cited as being of interest and to show the state of the prior art.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen Gerrity. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rinaldi Rada, may be

Art Unit: 3721

contacted. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the TC 3700 receptionist.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Stephen F. Gerrity  
Primary Examiner  
Art Unit 3721

Examiner's Telephone Number: 703-308-1279  
Examiner's Work Schedule: Monday-Friday from 5:30 - 2:00  
Supervisor's Telephone Number: 703-308-2187  
Facsimile Telephone Number: 703-872-9306  
Receptionist Telephone Number: 703-308-1148  
1 November 2004